

# INF 1050

## UKEOPPGAVER 14: TESTING (BLACK-BOX TESTING)

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**Innledning:** Nå skal du bli kjent med noen testing-teknikker innen black-box testing. Du må bruke det du har lært på forelesningen for å løse disse oppgavene.

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**This is a black-box testing exercise.**

### **Program specification:**

Command: find

Syntax: find <pattern> <file>

Function:

— The find command is used to locate one or more instances of a given pattern in a text file. All lines in the file that contain the pattern are written to standard output. A line containing the pattern is written only once, regardless of the number of times the pattern occurs in it.

— The pattern is any sequence of characters whose length does not exceed the maximum length of a line in the file. To include a blank in the pattern, the entire pattern must be enclosed in quotes (“”). To include a quotation mark in the pattern, two quotes in a row (“”) must be used.

### **Examples:**

find john myfile

displays lines in the file myfile which contain string john

find "john smith" myfile

displays lines in the file myfile which contain string john smith

find "john" " smith" myfile

displays lines in the file myfile which contain string john" smith

### **Procedure:**

Using the Category Partition technique:

- Derive categories from parameters and environment
- Derive choices for each category
- Derive constraints (Selectors, properties)

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